

**Table S12. Complete list of inclusion and exclusion criteria**

<b>Inclusion Criteria</b>
Female and male patients $\geq 18$ years
Patients with an underlying hemato-oncological disease with an expected neutropenia $\geq 7$ days
Inpatient or outpatient treatment in one of both study centers
Written consent of study participants
<b>Exclusion criteria</b>
Antibiotic treatment within the previous 30 days
Need for antibiotic medication other than ciprofloxacin or cotrimoxazole during the observation period
Pregnancy
Patients with chronic viral diseases (HIV, HBV, HCV)
Comorbidities that render a patients understanding of the study's concepts, objectives and potential consequences impossible
A high likelihood that a patient would not comply with the study protocol